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A NEW UROMYCES.

BY BYRON D. HALSTED, AMES, IOWA.

The following are the characteristic features of a species of *Uromyces* found near Ames, Iowa, upon leaves of *Leersia Virginica*, Willd.:

UROMYCES DIGITATUS, Halsted.—Sori mostly hypogenous, small, elongated, forming irregular rows; uredospores 22—25x26—30u, elliptical, light yellow, indistinctly echinulate, tips dark; teleutosori shining black, spores wedge-shaped and quite irregular, 17—30x25—33u, pedicel about one-half the length of spore. The broad, free end of the spore is divided into 5—20 sharp or blunt projections, the longer with hyaline tips.

This *Uromyces* approaches *U. acuminatus*, Arth., but differs from it greatly in the wedge or triangular shape of the teleuto-spore and the large number of blunt terminations which cover the broad, free end. These irregular projections make the spore look in shape like a boxing glove; they frequently extend downward along the whole of one side of the spore.

NEW LITERATURE.

BY W. A. KELLERMAN.

"TOMATO DISEASE, CLADOSPORIUM FULVUM." By Chas. B. Plowright. The Gardeners' Chronicle, Oct. 29, 1887.

"THE PREPARATION OF AGARICS FOR THE HERBARIUM." James E. Humphry. Botanical Gazette, November, 1887.

"BEITRAEGE ZUR MORPHOLOGIE UND BIOLOGIE DER UREDINEEN." Von P. Deitel. Botanisches Centralblatt, Band XXII, Nos. 2-5.

"REPORT OF THE MYCOLOGIST, F. L. SCRIBNER." Author's Edition, From the An. Rep. Dept. Agr., 1886.

ERRATA.

In the November number (pp. 128 and 129) where the word "maculicola" occurs, read "maculiculous."

On p. 126 for "*Trichothecium*" read "*Trichothecium*."

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